

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Mel Carnahan, Governor • David A. Shorr, Director

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office

10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017

(314)822-0101

FAX (314)822-0943

January 31, 1994

Mr. Neil Saettele
Kohler & Sons, Inc.
9800 Page Avenue
St. Louis, MO 63132-1494

RECEIVED
94 FEB 4 PM 9 37
HAZARDOUS WASTE
MISSOURI DEPT. OF
NATURAL RESOURCES

Dear Mr. Saettele:

L.O.W. #94-SL.003

On January 20, 1994, a hazardous waste management inspection was conducted at Kohler & Sons, Inc., by Mr. Joe Trunko of my staff. A report of that inspection is enclosed. Please note that the section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection, and outlines steps the inspector has determined will correct those violations.

In order to document that corrective actions have been taken, you are requested to submit a written response no later than March 4, 1994. The response should describe the steps taken to correct each of the unsatisfactory features identified. Please direct the response to Mr. Joe Trunko of this office. You should also forward a copy of your response to Mr. Tom Judge, Acting Chief-Enforcement, Hazardous Waste Program, P.O. Box 176, Jefferson City, Missouri 65102.

Should you have any questions or wish to confer in this matter, please call Mr. Joe Trunko at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

Robert S. P. Eck

Robert S. P. Eck
Regional Director

RSPE/JLT/lv

Enclosure

c: HWP



R00154818
RCRA RECORDS CENTER



RECYCLED PAPER

RESOURCE CONSERVATION AND RECOVERY ACT
AND
MISSOURI HAZARDOUS WASTE MANAGEMENT LAW
COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY

Kohler Sons, Inc.
9800 Page Avenue
St. Louis, MO 63132-1494
(314) 428-9800

EPA ID#: MOD006289003
MO Generator ID#: 012232

PARTICIPANTS

Missouri Department of Natural Resources

Joseph L. Trunko
Environmental Specialist

Kohler & Sons, Inc.

Neil A. Saettele

Bob Steller
Pressroom Foreman

Dave Palmer
Prepress Supervisor

INTRODUCTION

On January 20, 1994, an inspection was conducted at Kohler & Sons, Inc., located at the above address. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

FACILITY DESCRIPTION

Kohler & Sons, Inc. (Kohler) is a commercial printer and lithographer. The company has been at the Page Avenue location since 1961. Facility operations include a prepress department (photography and film processing), pressroom (three presses), and a bindery (cutting, packaging). The facility encompasses an area of approximately 42,000 square feet, and consists of two connected buildings. Building 1 contains the prepress and printing operations and Building 2 contains the bindery operation.

Kohler operates Monday through Friday in two shifts, 7:00 a.m. to 3:00 p.m. and 3:00 p.m. to 11:00 p.m. Sixty employees work at the facility, four of whom are involved with hazardous waste management.

Kohler generates the following wastes:

Waste ink (D001) - consists of residues (semi-solids) that are scraped from empty cans of ink. The residue is placed in a 55-gallon satellite drum located near the chemical storage room. When the drum becomes full, it is moved to the hazardous waste storage area located in the receiving area. Kohler generates approximately 110 gallons of waste ink per month. The Material Safety Data Sheet and waste analysis report for the ink (attached) indicate that the waste is non-hazardous. However, Kohler disposes of the waste ink as a D001 hazardous (ignitable) waste. Ninety-eight percent of the

inks used by Kohler are of this type (manufactured by Wikoff Color Corp.). On occasion, waste ink is sent back to the manufacturer for recycling.

Waste blanket wash (D001) - consists of spent solvent that is used to clean the presses. During cleaning, the blanket wash collects in a pan located on each press. The wash is dumped into a 55-gallon satellite drum located in the chemical storage room. When the drum becomes full, which takes approximately two weeks, it is moved to the hazardous waste storage area. Kohler generates approximately 110 gallons of waste blanket wash per month. A Material Safety Data Sheet and waste analysis report for the blanket wash is attached.

Waste rags - consist of rags that are used to wipe down the presses. Either alcohol or blanket wash is used with the rags. The waste rags are placed in a 55-gallon drum that is equipped with a screen on the bottom. Any excess alcohol or blanket wash on the rags drains to the bottom of the drum and is put into the blanket-wash satellite drum. A minimal amount of liquid (less than 1/2 gallon) is generated from each full drum of rags. The rags are sent off site for laundering by Clean Industrial. Kohler generates approximately two 55-gallon drums of waste rags per week.

Waste oil - consists of hydraulic oil generated when equipment is serviced. Waste oil is generated on an infrequent basis. An analysis of the waste oil is attached.

A Generator's Hazardous Waste Summary Report for the third quarter of 1993 is attached.

Kohler operates two silver recovery units (Accu-Tech Tandem 2000) in the prepress department. Fixer solution generated from film processing flows directly into the units (closed-loop system). The silver present in the solution is recovered by a filter. The remaining solution is discharged directly into the sanitary sewer system. Kohler generates approximately two filters every six months. The filters are sent to Mar-Cor Environmental Services in Chicago, Illinois where the silver is reclaimed (a shipping statement is attached).

Film negatives generated in the prepress department are also sent to Mar-Cor Environmental Services for recycling.

Kohler utilizes Metro Disposal as its solid waste hauler. Cardboard is collected by Laidlaw Waste Systems for recycling.

UNSATISFACTORY FEATURES

1. Failure to maintain adequate spill control and safety equipment, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265 Subpart C. Spill control equipment (absorbent, socks, shovel, etc.) and safety equipment (gloves, coveralls, eye protection, etc.) must be provided near the hazardous waste areas. The equipment must be readily accessible so as to allow a quick response to a release of hazardous waste. Documentation and/or written certification that this has been done must be submitted to the Department.

2. Failure to post emergency information next to phone, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)(A), (B), and (C). The following emergency information must be posted next to the phone nearest the hazardous waste storage area:

- (a) The emergency coordinator's name and telephone number.
- (b) The telephone number of the fire department.
- (c) The location of fire extinguishers and spill control equipment.

Documentation and/or written certification that this has been done must be submitted to the Department.

Prepared By:



Joseph L. Trunko
Environmental Specialist II

JLT/lv

Attachments



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
SMALL QUANTITY GENERATOR
INSPECTION RECORD AND CHECKLIST

S

SQG-INSP.

ONLY FOR FACILITIES THAT GENERATE/ACCUMULATE < 1000 Kg (2,200 lbs. or approximately, 5 drums)

NAME Kohler & Sons, Inc.		DATE 1-20-94	EPA I.D. NUMBER MO D006289003
ADDRESS 9800 Page Avenue		RR NO. N/A	MO I.D. NUMBER 012232
CITY St. Louis	NUMBER OF EMPLOYEES 60	YEARS AT SITE 34	TELEPHONE NUMBER (314) 428-9800

FACILITY REPRESENTATIVE(S), TITLE(S)

Neil A. Saettele, Bob Steller (Production Foreman), Dave Palmer (Process Supervisor)

DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT

Included in written report

WASTE STREAMS

DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	GENERATION RATE	EPA ID NUMBER	DISPOSITION
1. Waste Ink	~110 g/month	D001	Incineration
2. Waste Blanket Wash	~110 g/month	D001	Incineration
3. Waste Oil	Infrequent	D098	
4.			
5.			

CHECK ALL THAT APPLY (Specify if possible)

- | | | |
|---------------------------------------|---|---|
| <input type="checkbox"/> NPDES Permit | <input type="checkbox"/> Lead/Acid Batteries | <input type="checkbox"/> POTW _____ |
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> H.W. Burner/Blender/Marketer | <input type="checkbox"/> Solid Waste Landfill _____ |
| <input type="checkbox"/> Air Permit | <input type="checkbox"/> Precious Metal Reclamation | <input type="checkbox"/> Waste Water Pretreatment |

A. GENERAL

1. <input checked="" type="checkbox"/> Registered as a HW Generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A)	GGR	COMMENTS
2. <input checked="" type="checkbox"/> Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CFR 262.11	GGR	
3. <input checked="" type="checkbox"/> Utilizes a licensed hazardous waste transporter - Section 260.380.1 (5) RSMo	GGR	
4. <input checked="" type="checkbox"/> Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo	GGR	
5. <input checked="" type="checkbox"/> Facility does not operate as a TSD - Section 260.390(1) RSMo	GGR	

PART 1: WALK-THROUGH INSPECTION**B. PRETRANSPORT, CONTAINERIZATION & STORAGE**

1. <input checked="" type="checkbox"/> Storage does not exceed 180 days (270 days if transported > 200 miles) - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(e)	GSQ	COMMENTS
2. <input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.171	GPT	
3. <input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.172	GPT	
4. <input checked="" type="checkbox"/> Containers closed in storage - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.173(a)	GPT	
5. <input checked="" type="checkbox"/> Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.177(c)	GPT	
6. <input checked="" type="checkbox"/> Containers of ignitable or reactive waste stored > 50 ft. from property line (or meet requirements) - 10 CSR 25-5.262 (2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265 (2)(I)3.	GOR	
7. <input checked="" type="checkbox"/> Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5.262 (2)(C)1.	GOR	
8. <input checked="" type="checkbox"/> Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(2)	GPT	
9. <input checked="" type="checkbox"/> Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(II)	GOR	
10. <input checked="" type="checkbox"/> Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(I) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(3)	GPT	
11. <input checked="" type="checkbox"/> Facility inspected and maintained (weekly) - 10 CSR 25-5.262(2)(C)2.A.(II)	GPT	
12. <input checked="" type="checkbox"/> Daily inspection of areas subject to spills, ie. waste handling areas - 10 CSR 25-5.262(2)(C)2.A.(II)	GOR	
13. <input checked="" type="checkbox"/> Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.35	GPT	
14. <input checked="" type="checkbox"/> Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT	
15. <input checked="" type="checkbox"/> "No Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D.(II)	GOR	
16. <input checked="" type="checkbox"/> Waste oil containers in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR	

C. SATELLITE ACCUMULATION

1. <input checked="" type="checkbox"/> Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173	GPT	COMMENTS
2. <input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.171	GPT	
3. <input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.172	GPT	
4. <input checked="" type="checkbox"/> Quantities accumulated not exceeding 55 gal. (1 quart of acutely-hazardous wastes) - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)	GPT	
5. <input checked="" type="checkbox"/> Satellite containers go to storage within 3 days of filing - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)3.	GPT	
6. <input checked="" type="checkbox"/> Container marked identifying contents & beginning date - 10 CSR 25-5.262(2)(C)3.	GOR	

7. <input checked="" type="checkbox"/> Stored in satellite areas less than 1 year - 10 CSR 25-5.262(2)(C)3.	GOR	COMMENTS		
D. PREPAREDNESS AND PREVENTION AND EMERGENCY PROCEDURES				
1. <input checked="" type="checkbox"/> Facility operated and maintained to minimize the possibility of an emergency - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.31	GPT	COMMENTS		
2. <input type="checkbox"/> Adequate and proper spill control, decontamination and safety equipment available (fire blankets, respirators, SCBA, absorbents, etc.) and properly tested and maintained - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34 (d)(4) referencing 40 CFR 265 Subpart C.	GPT			
3. <input checked="" type="checkbox"/> Adequate water supply and fire control equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.32(d)	GPT			
4. <input checked="" type="checkbox"/> Communication and emergency equipment tested and maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.33	GPT			
5. <input type="checkbox"/> Emergency coordinator's name and phone number posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)	GSQ			
6. <input type="checkbox"/> Telephone number of fire department posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)	GSQ			
7. <input type="checkbox"/> Location of fire extinguisher and spill control equipment posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)	GSQ			
8. <input checked="" type="checkbox"/> Employees familiar with waste handling and emergency procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(iii)	GSQ			
9. <input checked="" type="checkbox"/> Device in the hazardous waste operation area capable of summoning emergency assistance - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.34(a)	GPT			
10. <input checked="" type="checkbox"/> Telephone or two-way radio onsite and capable of summoning local fire or police dept. - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.32(b)	GPT			
E. SQG TANKS				
TANK DESIGNATION	CONTENTS	CAPACITY	CONTAINMENT	AGE
1.				
2.				
3.				
1. <input checked="" type="checkbox"/> Uncovered tanks have 2 ft. freeboard or containment system - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(3)	GPT	COMMENTS		
2. <input type="checkbox"/> Continuously fed tanks equipped with a feed cut-off system or a proper by-pass system - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(4)	GPT			
3. <input type="checkbox"/> Waste and/or treatment method is compatible with tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(2)	GPT			
4. <input type="checkbox"/> Incompatible wastes not placed in same tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(f)	GPT			
5. <input type="checkbox"/> Ignitable or reactive wastes rendered safe/protected from sources of ignition or reaction - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(e)(1)	GPT			
6. <input type="checkbox"/> Ignitable or reactive wastes in covered tanks treated/stored in accordance with NFPA's buffer zone requirements - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(e)(2)	GPT			
7. <input type="checkbox"/> Volatiles with vapor pressure > 78 mm Hg @ 25° C not placed in open tanks - 10 CSR 25-5.262(2)(C)2.D.(I)	GOR			
8. <input type="checkbox"/> Wastes and residues removed from tank and equipment, and handled properly upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(d)	GPT			
9. <input checked="" type="checkbox"/> Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(3).	GPT			

10.	<input checked="" type="checkbox"/> Inspection of waste feed cut off, bypass system, monitoring data and freeboard each operating day - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(c)	GPT	COMMENTS
11.	<input type="checkbox"/> Weekly inspection of confinement structure, construction materials and general area for leaks, corrosion or discharges - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(c)5	GPT	
12.	<input checked="" type="checkbox"/> Waste oil tanks in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR	

PART 2: RECORDS INSPECTION

F. MANIFESTS

1.	<input checked="" type="checkbox"/> Facility uses manifest system or wastes reclaimed under contractual agreement - 260.380.1(6) RSMo, and 10 CSR 25-5.262(2)(B)	GMR	COMMENTS
2.	<input checked="" type="checkbox"/> Generator maintains a copy of the contractual agreement on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.20(e)(2)	GMR	
3.	<input checked="" type="checkbox"/> Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	
4.	<input checked="" type="checkbox"/> Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	
5.	<input checked="" type="checkbox"/> Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A	GOR	
6.	<input checked="" type="checkbox"/> Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)1.	GMR	
7.	<input checked="" type="checkbox"/> All transporters' names, phone numbers, license plate #s, MO & EPA I.D.#'s - 10 CSR 25-5.262(2)(B)2.	GMR	
8.	<input checked="" type="checkbox"/> Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)1.	GMR	
9.	<input checked="" type="checkbox"/> DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR	
10.	<input checked="" type="checkbox"/> Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)2.	GMR	
11.	<input checked="" type="checkbox"/> Manifest signed and dated - 10 CSR 25-5.262(2)(B)1.	GMR	
12.	<input checked="" type="checkbox"/> Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A	GOR	
13.	<input checked="" type="checkbox"/> Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1	GOR	
14.	<input checked="" type="checkbox"/> Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C	GRR	
15.	<input checked="" type="checkbox"/> Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1	GOR	
16.	<input checked="" type="checkbox"/> Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
17.	<input checked="" type="checkbox"/> "Land-Ban" notification/certification sent with manifests or with 1st shipment under a tolling agreement & retained on-site for 5 years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
18.	<input checked="" type="checkbox"/> Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	

G. PREPAREDNESS AND PREVENTION

1.	<input checked="" type="checkbox"/> Arrangements with local emergency agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.37	GPT	COMMENTS
2.	<input checked="" type="checkbox"/> Emergency coordinator(s) on premise or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(i)	GSQ	

H. WASTE OIL

1.	<input checked="" type="checkbox"/> Waste oil is managed properly and not disposed of into the environment - 10 CSR 25-11.010(1)(D).	GOR	COMMENTS
2.	<input checked="" type="checkbox"/> Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11.010(1)(C)2.	GOR	
3.	<input checked="" type="checkbox"/> Registered as waste oil generator if gen./accum. 220 lb. - 10 CSR 25-11.010(2)(A)	GOR	
4.	<input checked="" type="checkbox"/> Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5.	<input checked="" type="checkbox"/> Uses a licensed transporter and receiving facility - 10 CSR 25-11.010(4)	GOR	

I. RESOURCE RECOVERY

- | | COMMENTS |
|---|----------|
| 1. <input checked="" type="checkbox"/> RR certification for energy recovery or reclamation of waste oil or hazardous waste on-site - 10 CSR 25-9.020(1)(A)3. | GOR |
| 2. <input checked="" type="checkbox"/> Still bottoms or RR residues disposed of properly - Section 260.380.1(5) RSMo. | GOR |
| 3. <input type="checkbox"/> Facility is classified as U, R1, or R2 accurately - 10 CSR 25-9.020(3)(A). | GOR |
| 4. <input type="checkbox"/> Facility meets the operating conditions of certification - 10 CSR 25-9.020(3). | GOR |
| 5. <input type="checkbox"/> Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E)1 and 2. | GOR |
| 6. <input type="checkbox"/> Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3. | GOR |
| 7. <input type="checkbox"/> Facility maintains a complete written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) and (2) as modified by 10 CSR 25-7.264(2)(E)2. | GOR |
| 8. <input checked="" type="checkbox"/> Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103. | GOR |

CHECKLIST KEY

Check the ☒ if in compliance.

Circle the ☐ if not in compliance and provide comment.

N/A = Not Applicable

A shaded item is a serious deviation from the requirements (Class I violation)

An unshaded item is a significant deviation from the requirements (Class II violation unless conditions warrant Class I)

COMMENTS: INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PLAN

INSPECTOR'S SIGNATURE

Joseph L. Tumbler

DATE

1-20-94



Kohler and Sons, Inc.
PRINTING SPECIALISTS IN FINE COLOR REPRODUCTION

Neil A. Saettele

9800 PAGE AVENUE • ST. LOUIS, MO 63132-1494
(314) 428-9800 • FAX (314) 426-3869

Kohler and Sons, Inc.

PRINTING SPECIALISTS IN FINE COLOR REPRODUCTION

Bob Steller
Pressroom Foreman

9800 Page Blvd. at Dielman
Saint Louis, Missouri 63132
Telephone (314) 428-9800



Kohler and Sons, Inc.
EXCELLENCE IN PRINTING AND GRAPHIC COMMUNICATIONS

Dave Palmer
Prepress Supervisor

9800 PAGE AVENUE • ST. LOUIS, MO 63132-1494
(314) 428-9800 • FAX (314) 426-3869



A C C E P T

FLUID RECOVERY

NO ATTACHMENT

* * , F L U I D R E C O V E R Y * *

CUSTOMER INFORMATION:

KOHLER AND SONS INC
9800 PAGE BLVD
OVERLAND

MO 63132

ATTN: NEIL A. SAETTELE

BRANCH: 516003 RICHARD JACKSON COUNTY: ST. LOUIS
NATURE OF BUSINESS: PRINTING
FEDERAL EPA ID: MOD006289003 STATE EPA: MO. ID: 012232
MANIFEST ADDRESS IS BILLING MANIFEST TO

ID:

MATERIAL: WASTE INKVOLUME: 55 GALS PER QUARTER
STORAGE CAPACITY: 55 IN DRUMS
COLOR: MULTI

PROCESS: SCRAP QUANTITIES FROM PRESSES

VOLUME ON HAND: 10

SHIPPING FREQUENCY: 12 WKS IN DRUMS

LAYERS: ONE

PHYSICAL STATE: SEMI

VISCOSITY: MEDIUM

MATERIAL COMPOSITION(VOL%):

CODE	MIN	MAX	TYPICAL
I	0.0		100.0

INKS

RESTRICTED SUBSTANCES: NONE

D.O.T. HAZARDOUS MATERIAL: CUSTOMER REQUEST ASSISTANCE

EPA HAZARDOUS WASTE: CUSTOMER REQUEST ASSISTANCE

P.O. NO: VERBAL-NEIL

BRANCH: 516003

DATE: 04/05/90

TYPE OF SAMPLE: COMPOSITE

NUMBER OF DRUMS SAMPLED: 1

TAKEN BY: SALESREP

CONTACT: NEIL A. SAETTELE

TITLE: CONTROLLER

PHONE: 314-428-9800

CORPORATE REVIEWS: DISPOSITION REVIEWER, DATE

TECHNICAL:	ACCEPT	EJE	04/20/90
REGULATORY:	ACCEPT	CAP	04/20/90
OPERATING:	ACCEPT	JWH	04/20/90

HANDLING CODES: S02/T50

PRICING CODE: FC

APPROVED FACILITIES:

(658) SAFETY-KLEEN CORP	(654) SAFETY-KLEEN CORP
STATE HWY 146	633 EAST 138TH ST
NEW CASTLE KY 40050	DOLTON IL 60419
FED EPA#: KYD053348108	ILD980613913
STATE EPA#:	0310690006
TELEPHONE: 502/845-2453	708/849-4850
IL. AUTH#:	000163

APPROVED 0001097 DRUM OR BULK

DOT-EPA RQ WASTE INK

DESC. COMBUSTIBLE LIQUID UN1210
(DOO1)(ERG#27)

COMMENTS: OK FOR GRINDABLE FUEL. FRS CAT IV-C.

0000999 SPECIAL NOTICE

PROPER SHIPPING DESCRIPTION WAS BASED
ON KNOWLEDGE OF SIMILIAR WASTES, AND
WAS NOT BASED ON THIS SINGLE ANALYSIS.THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

FLUID RECOVERY
KOHLE AND SONS INCACCEPT
NO ATTACHMENT

** F L U I D R E C O V E R Y **

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : MULTI
 NON-VOLATILE RESIDUE: 96.7 WT% DESCRIPTION: SOLID
 FLAMMABILITY : NO FLASH AT 142 F BY SETAFLASH
 FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
 PH : EXTRACT BY PAPER 7.0
 RADIOACTIVITY : NONE DETECTED
 COMMENTS: THICK GREASE, SPGR N/A, WATER N/A

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 16700 BTU/LB
 TOTAL FLUORINE F : 0.1 WT%
 TOTAL CHLORINE CL : < 0.1 WT%
 ASH UPON COMBUSTION: 2.0 WT%
 TOTAL BROMINE BR : < 0.1 WT%
 TOTAL SULFUR S : < 0.1 WT%

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY:	
			APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			0.0	0.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			100.0	100.0
TOTAL		> 50000 CPS	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:		TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT		0.0	0.0
NON-VOLATILE RESIDUE	DESCRIPTION: SOLID	96.7	96.7
VOLATILE ORGANICS BY DIFFERENCE		3.3	3.3
TOTAL		100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
 DETECTION METHODS : FID

COMPOUND NAME	COMPOSITION OF:		VOLATILE ORGANICS (WT%)	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
	CODE	CAS NUMBER			
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	TR	0-27-1	100.0	100.0	3.3
TOTAL			100.0	100.0	3.3

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WT%:

ALCOHOLS	0.0	ALIPHATIC HYDROCARBONS	0.0
AROMATIC HYDROCARBONS	0.0	CHLORINATED SOLVENTS	0.0
ESTERS	0.0	ETHERS	0.0
GLYCOL ETHERS	0.0	INHIBITORS	0.0
KETONES	0.0	NITROGEN COMPOUNDS	0.0

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: R

LEVEL: SEG CODE: RELEASED: 04/20/90
 LAB REVIEWERS: CR CR ANALYZED: 04/19/90
 HIGH VISCOSITY

TRACKING INFORMATION:

DATE FACILITY
 SURVEY RECEIVED : 04/10/90 SK TECHNICAL CEN
 SAMPLE RECEIVED : 04/10/90
 RESAMPLE SHIPPED :
 RESAMPLE RECEIVED:

NO LAND DISPOSAL RESTRICTION OF WASTE CAN BE IDENTIFIED BASED ON S-K ANALYSIS.

MATERIAL SAFETY DATA SHEET

FOR PRINTING INK AND RELATED MATERIALS

INFORMATION ON THIS FORM IS PROPRIETARY INFORMATION AND FURNISHED
SOLELY FOR THE USE OF OUR CUSTOMERS

HAZARD RATINGS

Minimal..... 0
Slight..... 1
Moderate..... 2
Serious..... 3
Severe..... 4

HEALTH

FLAMMABILITY

REACTIVITY

DATE OF PREP. 6/1/87 PREPARED BY Saul Edlein

Section I

MANUFACTURER'S NAME: Wikoff Color Corp.

STREET ADDRESS: P.O. Box W

EMERGENCY TELEPHONE NUMBER: (803) 548-2210

PRODUCT CLASS: Quickset Ink

TRADE NAME:

CITY, STATE AND ZIP CODE: Ft. Mill, S.C. 29715

MANUFACTURER'S CODE IDENTIFICATION:

Section II - HAZARDOUS INGREDIENTS

Ingredient:

None

Hazard Data:

Section III - PHYSICAL DATA

BOILING RANGE °F 530-590	VAPOR DENSITY: HEAVIER <input checked="" type="checkbox"/> vs. air LIGHTER <input type="checkbox"/>	LIQUID DENSITY: HEAVIER <input type="checkbox"/> vs. water LIGHTER <input checked="" type="checkbox"/>	TYPE OF ODOR Resinous
APPEARANCE Colored Paste	EVAPORATION RATE FASTER <input type="checkbox"/> vs. Butyl Acetate SLOWER <input checked="" type="checkbox"/>	PERCENT VOLATILE WT. 15-30	

Section IV - FIRE & EXPLOSION DATA

FLAMMABILITY CLASSIFICATION OSHA combustible DOT non-regulated	FLASH POINT °F 265 (Method Used) ASTM-D-93	LEL NA
--	---	-----------

EXTINGUISHING MEDIA:

X FOAM ☐ ALCOHOL FOAM ☐ CO2 ☐ DRY CHEMICAL ☐ WATER FOG ☐ OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS

N/A

SPECIAL FIREFIGHTING PROCEDURES Fire fighters should be equipped with self contained breathing Apparatus.

Section V - HEALTH HAZARD DATA

OF OVEREXPOSURE

Contact may cause irritation.

Prolonged and repeated skin contact may cause irritation.

Excessive inhalation of vapors or mists may cause irritation and pneumonia.

PRIMARY ROUTE(S) OF ENTRY:

☒ DERMAL

☐ INHALATION

EMERGENCY AND FIRST AID PROCEDURES

Eyes-Flush with water for 15 min. Get medical attention.

Skin-Wash with soap and water, if irritation develops get medical attention.

Inhalation-Remove to fresh air, if breathing is difficult, get medical attention.

Section VI - REACTIVITY DATA

PRODUCT STABILITY

☒ STABLE

☐ UNSTABLE

CONDITIONS TO AVOID

Avoid contact with strong oxidizing agents.

Section VII - SPILL OR LEAK PROCEDURES

PROCEDURE WHEN MATERIAL SPILLED OR RELEASED

Collect in suitable container for disposal in accordance with local regulations.

WASTE DISPOSAL METHOD

Approved landfill or in accordance with local regulations.

Section VIII - SPECIAL PROTECTION INFORMATION

VENTILATION Local exhaust

PROTECTIVE GLOVES If necessary to prevent excessive skin contact

RESPIRATORY PROTECTION None

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT None

Section IX - SPECIAL PRECAUTIONS

HANDLING AND STORING

Use in accordance with good industrial workplace practices. Wash hands after handling.

OTHER PRECAUTIONS

For industrial use only

COMPLETE: 06/14/91
CONTROL#: 0097925-1
SAMPLE#: 208459

A C C E P T

FLUID RECOVERY

NO ATTACHMENT

* *

F L U I D R E C O V E R Y

* *

CUSTOMER INFORMATION: 5160-03-9061

KOHLE & SONS INC
9800 PAGE
ATT NEIL SAETTLE
OVERLAND

MO 63132

ATTN: ALAN NELSON

BRANCH: 516003 LUCIOUS BOWEN

NATURE OF BUSINESS: PRINTER

FEDERAL EPA ID: M00006289003

STATE EPA: IL. ID: 9291897210

MO. ID: 012232

ID:

MANIFEST ADDRESS IS FACILITY MANIFEST TO

MATERIAL: BLANKET WASH

PROCESS: SCRAP

VOLUME: 55 GALS PER QUARTER
STORAGE CAPACITY: 0 IN DRUMSVOLUME ON HAND: 55
SHIPPING FREQUENCY: 12 WK IN DRUMS

COLOR: BROWN

LAYERS: ONE

PHYSICAL STATE: LIQUID

VISCOSITY: LOW

MATERIAL COMPOSITION(VOL%):

CODE

MIN

MAX

TYPICAL

BLANKET WASH

BW

0.0

100.0

RESTRICTED SUBSTANCES: NONE

D.O.T. HAZARDOUS MATERIAL: CUSTOMER REQUEST ASSISTANCE

EPA HAZARDOUS WASTE: CUSTOMER REQUEST ASSISTANCE NO(S): D001

P.O. NO:

BRANCH: 516003

DATE: 05/16/91

TYPE OF SAMPLE: COMPOSITE

NUMBER OF DRUMS SAMPLED: 1

TAKEN BY: SALESREP

CONTACT: ALAN NELSON

TITLE: GENERAL FLOOR

PHONE: 314-428-9800

SURVEY COMMENTS: L#10961-1

CORPORATE REVIEWS: DISPOSITION REVIEWER DATE

TECHNICAL: ACCEPT

JHP

06/14/91

REGULATORY: ACCEPT

AAD

06/14/91

OPERATING: ACCEPT

JWH

06/14/91

PRICING CODE: F1

APPROVED FACILITIES:

(658) SAFETY-KLEEN CORP

(654) SAFETY-KLEEN CORP

STATE HWY 146

633 EAST 138TH ST

NEW CASTLE KY 40050

DOLTON IL 60419

FED EPA#: KYD053348108

ILD980613913

STATE EPA#:

0310690006

TELEPHONE: 502/845-2453

708/849-4850

STATE CODE:

000161

EPA WASTE CODES
D001

APPROVD 0001130 DRUM OR BULK

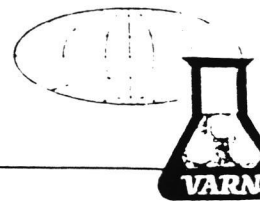
DOT-EPA RQ WASTE PETROLEUM DISTILLATES, N.O.S.

DESC. (ALIPHATIC AND AROMATIC HYDROCARBONS)

FLAMMABLE LIQUID UN1268(D001)(ERG#27)

COMMENTS: OK FOR FUEL. FRS PART 82101.

THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.



VARN PRODUCTS COMPANY, INC.

Corporate Headquarters: 175 Route 208, Oakland, N.J. 07436
 Tel: (201) 337-3600, Fax: (201) 337-2034, Cable: VARNPROD OAKLANDBERGENCO, NJ Telex: 130-422

PRODUCT NAME: VWM

USE: BLANKET & ROLLER WASH

DOT SHIPPING NAME: COMPOUND, CLEANING LIQUID

DOT CODE: NA 1993

N.O.S.

IMO CODE: CLASS 3.3

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: (HMIS)

HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION: B

0 = Minimal 1 = Slight 2 = Moderate 3 = Severe 4 = Extreme

A = Glasses B = Glasses and Gloves

SECTION II - PREPARATION INFORMATION

Jim Watson-Government Regulatory Affairs Chemist-Varn Products Company, Inc.
 Telephone Number (312) 543-8600 Date Of Preparation: April 1, 1989

SECTION III - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	OSHA	ACGIH	MANF. REC.	PERCENT
		PEL	TLV		
1. Stoddard Solvent	[8052-41-3]	100	100	---	<50%
2. Aromatic Petroleum Distillates	[64742-95-6]	---	100	100	<50%

All ingredients appear on the EPA TSCA Inventory.

SECTION IV - ENVIRONMENTAL DATA

A. SARA TITLE III INFORMATION

INGREDIENT #	*1-EHS RQ	*2-EHS TPQ	*3-SECTION 313	*4-311/312 CATEGORIES
Product (Whole)	---	---	---	P-3

#2 Contains:

Xylene (3%) --- CO1 1000

Cumene (1%) --- CO1 5000

Trimethylbenzene(25%) --- CO1 ---

*FOOTNOTES:

- * 1. REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SECTION 302
- * 2. THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SECTION 302
- * 3. TOXIC CHEMICAL, SECTION 313
- * 4. HAZARD CATEGORY FOR SARA SECTION 311/312 REPORTING
 HEALTH H-1 = IMMEDIATE (ACUTE) HAZARD; H-2 = DELAYED (CHRONIC) HAZARD
 PHYSICAL P-3 = FIRE HAZARD; P-4 = SUDDEN RELEASE OF PRESSURE HAZARD;
 P-5 = REACTIVE HAZARD

B. CERCLA INFORMATION - EPA - Comprehensive Environmental Response, Compensation and Liability Act. Under EPA-CERCLA (Superfund) releases to air, land, or water may be reportable to the National Response Center, 800-424-8802 (Circumstances surrounding the material, quantity, threat to environment and clean-up determine reportability). R.Q. = 100 pounds spilled for petroleum distillates.

C. RCRA INFORMATION - UNDER EPA - RCRA (40 CFR 261.21): If this product becomes waste material, it would be classified as spent non-halogenated solvent. EPA Waste ID # F003

D. OTHER REPORTING INFORMATION: 813 grams per liter (6.68 pounds per gallon) volatile organic compounds, California Rule 1130. This product is photo-chemically reactive, California Rule 102. No known ingredients found on California List-Proposition 65.

SECTION V - PHYSICAL DATA

- | | |
|---|--|
| 1. STATE: Liquid | 2. ODOR: Mild |
| 3. ODOR THRESHOLD: 18 ppm | 4. SPECIFIC GRAVITY: 0.83 |
| 5. VAPOR PRESSURE @ 21°C (MMHg): 2.9 | 6. VAPOR DENSITY (AIR=1): 4.3 |
| 7. EVAPORATION RATE (BUTYL ACETATE=1): 0.34 | 8. BOILING POINT(Initial): 160°C 320°F |
| 9. FREEZING POINT: -30°C <-10°F | 10. pH: Neutral |
| 11. SOLUBILITY IN WATER: Emulsifies | |

SECTION VI - FIRE OR EXPLOSION HAZARDS

1. CONDITIONS OF FLAMMABILITY:

This product is combustible. Do not use in areas of high heat, sparks, or open flames. Vapor is heavier than air and may collect in low spaces. Keep container closed when not in use.

2. MEANS OF EXTINCTION: Use a dry, chemical, foam or carbon dioxide fire extinguisher.
3. FLASH POINT: 41°C 105°F 4. UPPER FLAMMABILITY LIMIT: 7.0%
5. LOWER FLAMMABILITY LIMIT: 0.8% 6. AUTO-IGNITION TEMPERATURE: 303°C 577°F
7. HAZARDOUS COMBUSTION PRODUCTS: Oxide of Carbon

SECTION VII - REACTIVITY DATA

1. CONDITIONS UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE:

This product is stable under all normal conditions of use.

2. INCOMPATIBILITY OF OTHER CHEMICALS:

Avoid contact with strong oxidizing materials.

3. HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

SECTION VII - TOXICOLOGICAL PROPERTIES

1. ROUTE OF ENTRY: The primary route of entry is inhalation.
2. ACUTE EFFECTS OF EXPOSURE:

If liquid is splashed into eyes, it will cause strong irritation and burning. Inhalation can produce respiratory irritation, weakness, and nausea. Ingestion of petroleum distillates can produce pulmonary edema, gastro-irritation, damage to vital organs, coma, and death.

3. CHRONIC EFFECTS OF EXPOSURE:

Repeated and abusive inhalation of petroleum distillate vapors can produce pulmonary, cardiovascular, and central nervous system effects. Repeated skin contact will dry and crack skin.

4. THE THRESHOLD LIMIT VALUE (TLV):

The TLV for this product is 100 ppm based on toxicological data of individual ingredients and other products of similar constitution.

SECTION VII - TOXICOLOGICAL PROPERTIES (Continued)

5. IRRITANCY TO SKIN:

Petroleum distillates will remove natural moisture and cause drying and cracking.

6. SENSITIZATION:

No ingredients in this product are known to cause a sensitizing effect.

7. CARCINOGENICITY:

No ingredients are considered to be carcinogenic.

8. REPRODUCTIVE TOXICITY:

This product has not been shown to be a reproductive hazard.

9. TERRATOGENICITY:

This product has not been shown to produce birth defects.

10. MUTAGENICITY:

This product has not been shown to cause damage to chromosomes.

11. SYNERGISTIC PRODUCTS:

There is no data available.

SECTION XI - PREVENTIVE MEASURES

1. PERSONAL PROTECTIVE EQUIPMENT:

Wear gloves and glasses to protect skin and eyes.

2. ENGINEERING CONTROLS:

Insure adequate ventilation so that vapor concentration is maintained below the threshold limit value.

3. IN CASE OF LEAK OR SPILL:

Soak up small spills on absorbent and shovel into non-hazardous refuse. Use soap and water to clean residue. Dike large spills and keep product from entering the sewer. Turn off all nearby sources of ignition. Keep unauthorized personnel away from area. Call the local fire department. Soak up on non-reactive absorbent material. Clean up crew should wear rubber boots and use rubber shovel. Place material in a covered container for later disposal.

4. WASTE DISPOSAL:

Give waste material to an authorized hazardous waste hauler.

5. HANDLING PROCEDURES:

Empty containers may contain flammable vapors or hazardous residues. Follow regulations for empty container disposal. Ground containers when transferring product.

6. STORAGE REQUIREMENTS:

Store in cool, dry area away from sunlight and high heat sources.

SECTION X - FIRST AID MEASURES

1. EYES:

Hold eye lids open and rinse with water for five minutes. Contact a physician if irritation persists.

2. SKIN:

Wash skin with soap and water.

SECTION X - FIRST AID MEASURES (Continued)

3. INGESTION:

Keep victim calm. Administer oxygen if breathing is difficult. Do not induce vomiting. Seek medical attention immediately.

4. INHALATION:

Move victim to fresh air. Apply artificial respiration if breathing has stopped.

5. NOTE TO PHYSICIAN

If product is ingested use best judgement. Petroleum distillates can cause liver and kidney damage, but may produce chemical pneumonitis if introduced into lungs.

The options expressed herein are those of qualified experts within Varn Products Company, Inc., and its suppliers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Varn Products Company, Inc., it is the user's obligation to determine the conditions of safe use of the product.

Federal law requires persons receiving the Material Safety Data sheet to study it carefully, become aware of the hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents, and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

THIS FORM MAY BE REPRODUCED LOCALLY.

COMPLETE: 04/25/90
CONTROL#: 0059793-3
SAMPLE#: 083915

A C C E P T

FLUID RECOVERY

NO ATTACHMENT

* * F L U I D R E C O V E R Y * *

CUSTOMER INFORMATION:

KOHLER AND SONS INC
9800 PAGE BLVD
OVERLAND

MO 63132

ATTN: NEIL A. SAETTELE

BRANCH: 516003 RICHARD JACKSON COUNTY: ST. LOUIS
NATURE OF BUSINESS: PRINTING
FEDERAL EPA ID: MOD006289003 STATE EPA: MO. ID: 012232
MANIFEST ADDRESS IS BILLING MANIFEST TO

ID:

MATERIAL: WASTE OIL	PROCESS: FROM PRESSES
VOLUME: 55 GALS PER QUARTER	VOLUME ON HAND: 250
STORAGE CAPACITY: 55 IN DRUMS	SHIPPING FREQUENCY: 12 WKS IN DRUMS
COLOR: BROWN	PHYSICAL STATE: LIQUID
LAYERS: ONE	VISCOSITY: LOW
MATERIAL COMPOSITION(VOL%):	CODE MIN MAX TYPICAL
OIL, PETROLEUM	0 0.0 100.0

RESTRICTED SUBSTANCES: NONE

D.O.T. HAZARDOUS MATERIAL: CUSTOMER REQUEST ASSISTANCE

EPA HAZARDOUS WASTE: CUSTOMER REQUEST ASSISTANCE

P.O. NO: VERBAL	BRANCH: 516003	DATE: 04/05/90
TYPE OF SAMPLE: COMPOSITE	NUMBER OF DRUMS SAMPLED: 1	TAKEN BY: SALESREP
CONTACT: NEIL A. SAETTELE	TITLE: CONTROLLER	PHONE: 314-428-9800

CORPORATE REVIEWS:	DISPOSITION REVIEWER	DATE
TECHNICAL:	ACCEPT EJE	04/20/90
REGULATORY:	ACCEPT CAP	04/20/90
OPERATING:	ACCEPT JWH	04/20/90

HANDLING CODES: S02/T50 PRICING CODE: F5

APPROVED FACILITIES:

(658) SAFETY-KLEEN CORP
STATE HWY 146
NEW CASTLE KY 40050
FED EPA#: KYD053348108
STATE EPA#:
TELEPHONE: 502/845-2453
IL. AUTH#:APPROVED 0001038 DRUM OR BULK
DOT-EPA RQ WASTE OIL
DESC. COMBUSTIBLE LIQUID NA1270
(D001)(ERG #27)0000999 SPECIAL NOTICE
PROPER SHIPPING DESCRIPTION WAS BASED
ON KNOWLEDGE OF SIMILIAR WASTES, AND
WAS NOT BASED ON THIS SINGLE ANALYSIS.COMMENTS: OK FOR WASTE OIL FUEL. FRS CAT V. NOT TESTED FOR SKOS
USED OIL.THIS SERVES AS NOTICE PER, 40CFR264.12(B), THAT THE FACILITY(IES) NOTED ABOVE
HAS THE APPROPRIATE PERMITS AND IS WILLING TO RECEIVE THE MATERIAL DESCRIBED.

FLUID RECOVERY
KOHLER AND SONS INCACCEPT
NO ATTACHMENT

** F L U I D R E C O V E R Y **

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : BROWN
WATER CONTENT : < 0.1 WT%
NON-VOLATILE RESIDUE: 98.6 WT% DESCRIPTION: OIL
FLAMMABILITY : NO FLASH AT 142 F BY SETAFLASH
FLAMMABILITY : NO FLASH AT 102 F BY SETAFLASH
PH : EXTRACT BY PAPER 7.0
RADIOACTIVITY : NONE DETECTED

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT: 19600 BTU/LB
TOTAL CHLORINE CL: 0.2 WT%
TOTAL FLUORINE F: < 0.1 WT%
ASH UPON COMBUSTION: < 1.0 WT%
TOTAL BROMINE BR: < 0.1 WT%
TOTAL SULFUR S: 0.3 WT%

GENERAL COMPOSITION:

	SPECIFIC GRAVITY	VISCOSITY (CENTIPOISE)	GENERAL COMPOSITION BY: APPEARANCE (VOL%)	TOTAL (WT %)
AQUEOUS PHASE (FREE WATER)			0.0	0.0
ORGANIC PHASE (FEEDSTOCK)			100.0	100.0
BOTTOM SLUDGE (SEMISOLIDS)			0.0	0.0
BOTTOM SOLID (SETTLED SOLIDS)			0.0	0.0
TOTAL	.870	250 CPS	100.0	100.0

SPECIFIC COMPOSITION OF TOTAL SAMPLE

	COMPOSITION OF:	TOTAL SAMPLE (WT%)	TOTAL SAMPLE (WT%)
WATER CONTENT		0.1	0.1
NON-VOLATILE RESIDUE	DESCRIPTION: OIL	98.6	98.6
VOLATILE ORGANICS BY DIFFERENCE		1.3	1.3
TOTAL		100.0	100.0

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY

SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS : FID, FID

COMPOUND NAME	CODE	CAS NUMBER	VOLATILE ORGANICS (WT%)	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
TRACES OF VOLATILE ORGANICS DETECTED (<1.0% EACH)	TR	0-27-1	100.0	100.0	1.3
TOTAL			100.0	100.0	1.3

SUMMARY OF VOLATILE ORGANIC COMPOSITION BY COMPOUND CHEMICAL CLASS WT%:

ALCOHOLS	0.0	ALIPHATIC HYDROCARBONS	0.0
AROMATIC HYDROCARBONS	0.0	CHLORINATED SOLVENTS	0.0
ESTERS	0.0	ETHERS	0.0
GLYCOL ETHERS	0.0	INHIBITORS	0.0
KETONES	0.0	NITROGEN COMPOUNDS	0.0

SPECIFIC ORGANIC COMPOSITION

POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: A
LEVEL: SEG CODE: RELEASED: 04/20/90
LAB REVIEWERS: CR CR ANALYZED: 04/19/90

TRACKING INFORMATION: DATE FACILITY
SURVEY RECEIVED : 04/10/90 SK TECHNICAL CEN
SAMPLE RECEIVED : 04/10/90
RESAMPLE SHIPPED :
RESAMPLE RECEIVED:

NO LAND DISPOSAL RESTRICTION OF WASTE CAN BE IDENTIFIED BASED ON S-K ANALYSIS.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

KOHLER & SONS, INC. PRINTERS
CONTACT: NEIL SAETTELE
9800 PAGE
ST LOUIS CITY MO 63132
EPAID=MOD006289003 MOID=012232

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

GENERATOR'S EPA I.D. NUMBER

GENERATOR'S MISSOURI I.D. NUMBER

NOTE: THE FEDERAL EPA AND MISSOURI GENERATOR I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS PRODUCED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE SITE OF GENERATION CHANGES.

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

1. TYPE OF REPORT (CHECK ONE)

☒ QUARTERLY ☐ ANNUAL

(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)

2. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☒ 9-30- 93 (YEAR) ☐ 12-31- ____ (YEAR)

☐ 3-31- ____ (YEAR) ☐ 6-30- ____ (YEAR)

3. PAGE

1 OF 2

SECTION B - GENERATOR IDENTIFICATION

NOTE: Any change in either the mailing or site address from previous reports requires renotification to the Department.

4. GENERATOR'S NAME ☒ SAME AS LABEL

5. GENERATOR CONTACT PERSON (NAME) ☐ SAME AS LABEL

TELEPHONE NUMBER

314-428-9800

6. MAILING ADDRESS

9800 PAGE AVE

CITY

ST. LOUIS

STATE

MO

ZIP CODE

63132

7. PLANT SITE ADDRESS ☐ SAME AS LABEL

CITY

STATE

ZIP CODE

8. NAME OF PARENT FIRM

KOHLER & SONS INC

OFFICE USE ONLY

SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)

9. ☒ SHIPPED OFF-SITE. Complete part 2, attach completed hazardous waste manifests, sign certification and transmit to the department.

10. ☐ REPORTABLE QUANTITY NOT GENERATED. Sign certification and transmit to the department. (Do not complete Part 2)

11. ☐ REPORTABLE QUANTITY GENERATED BUT NOT SHIPPED OFF-SITE THIS QUARTER. Sign certification and transmit to the department. (Do not complete Part 2)

SECTION D - COMMENTS

12.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

NEIL A. SAETTELE

SIGNATURE

Neil A. Saettele

DATE

11/15/93



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

KOHLER & SONS INC

EPA ID NUMBER

M.0.D.0.6.2.8.9.0.0.3

MISSOURI I.D. NUMBER

0.1.2.2.3.2

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☒ 9-30-93 (YEAR)

☐ 12-31- (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

2 OF 2

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

SAFETY KLEEN

5. FACILITY SITE ADDRESS

STATE HWY 146

CITY
NEWCASTLE

STATE

KV

ZIP CODE

40050

4. FACILITY'S EPA I.D. NUMBER

K.Y.D.0.5.3.3.4.3.1.0.2

6. FACILITY'S MISSOURI I.D. NUMBER

RR.KY.02

SECTION H - WASTE IDENTIFICATION

LINE	7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	RQ WASTE INK 3 UN1210 PG111 (D001) (ERG426)	01	D.0.0.1		165	G	8.0	T50
2	RQ WASTE INK 3 UN1210 PG111 (D001) (ERG426)	01	D.0.0.1		110	G	8.0	T50
3	RQ WASTE INK 3 UN1210 PG111 (D001) (ERG426)	01	D.0.0.1		110	G	8.0	T50
4	RQ WASTE PETROLEUM DISTILLATES FLAMMABLE LIQUID UN1268 (D001) (ERG427)	08	D.0.0.1		55	G	.9	T50
5		.	.				.	.
6		.	.				.	.
7		.	.				.	.
8		.	.				.	.

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO.	17. US EPA I.D. NUMBER
a SAFETY KLEEN CORP	H-1.2.7.3	1.L.D.0.5.1.0.6.0.4.0.8
b SCHNEIDER TRUCK LINES	H-1.4.7.3	W.1.D.9.8.0.9.0.4.7.4.7
c MARCOR INDUSTRIES	H-2.0.0.2	1.L.D.9.8.4.7.7.4.6.9.5

SECTION J - COMMENTS

18.



STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 6731
State Form LPC 62 8/81 IL532-0610FOR SHIPMENT OF HAZARDOUS
AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD006289003	Manifest Document No. 00041	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address KOHLE & SONS INC 9800 PAGE BLVD OVERLAND MO 63132			Location if Different:		A. Illinois Manifest Document Number IL 5390121 MANIFEST FEE PAID
4. Generator's Phone (314) 428-9800			6. US EPA ID Number MOD095486312		B. Illinois Generator's ID 9291897210
5. Transporter 1 Company Name SAFETY-KLEEN CORP			7. Transporter 2 Company Name SAFETY-KLEEN CORP		C. Illinois Transporter's ID 11231
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP 633 E 138TH ST DOLTON IL 60419			8. US EPA ID Number ILD984908202		D. (314) 441-0104 Transporter's Phone
			10. US EPA ID Number ILD980613913		E. Illinois Transporter's ID 11231
					F. (618) 398-6918 Transporter's Phone
					G. Illinois Facility's ID 0310690006
					H. Facility's Phone (708) 849-4850
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ WASTE INK 3 UN 1210 PG III (D001) (ERG #26)			2 DM	110	G
b. RQ Waste Petroleum Distillates Flammable Liquid UN 1268 (D001) (ERG #27)			1 0m	55.6	G
c.					
d.					
J. Additional Descriptions for Materials Listed Above A-CONTROL #0059846-6/SAMPLE #083918 S.G. 1.00 B-Control # 0097925-1 / Sample # 208459 S.G. 790			K. Handling Codes for Wastes Listed Above in Item #14 G = Gallons Y = Cubic Yards S.G. 1.00 S.G. 2.00 R.O.S.		
15. Special Handling Instructions and Additional Information 0000 55252619 000000 5-160-03-9061 398620 MO TRANS ID: H-1273 MO GEN ID: 012232 P39046 IL IL P39072 EMERGENCY RESP #708-888-4660 24 HR IF UNDELIVERABLE RETURN TO GENERATOR SKDOT# A: 1097 B: 1130 C: D:					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name David Dabrowski			Signature David Dabrowski		Date 9/15/93
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Darren Freese			Signature Darren Freese		Date 9/15/93
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name PAT TEVEBAUGH			Signature Pat Tevebaugh		Date 9/17/93
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name ROSE M LAMBERT			Signature Rose M Lambert		Date 09/22/93

Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111 1/2 Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Illinois Department of Environmental Protection.

COPY 1. TSD MAIL TO GENERATOR



STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610FOR SHIPMENT OF HAZARDOUS
AND SPECIAL WASTE5-160-03
NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS
WASTE MANIFEST1. Generator's US EPA ID No.
MOD 006287003Manifest Document No.
000402. Page 1
of 1Information in the shaded areas
is not required by Federal law, but
is required by Illinois law.

3. Generator's Name and Mailing Address

KOHLER SONS INC
9800 PAGE BLVD
OVERLAND

Location if Different:

MO 63132

A. Illinois Manifest Document Number

IL 5328272

MANIFEST
FEE PAIDB. Illinois
Generator's
ID

9291897210

4. Generator's Phone ()

314 428-9800

5. Transporter 1 Company Name

SAFETY-KLEEN CORP.

6. US EPA ID Number

MOD 095486312

C. Illinois Transporter's ID

1123

D. 314 441-0104 Transporter's Phone

7. Transporter 2 Company Name

Safety-Kleen Corp.

8. US EPA ID Number

ILD984908202

E. Illinois Transporter's ID

1123

F. 618-398-6918 Transporter's Phone

9. Designated Facility Name and Site Address

SAFETY-KLEEN CORP.
633 E 138TH ST

10. US EPA ID Number

0-006-54

G. Illinois
Facility's
ID

0310690006

H. Facility's Phone

(708) 849-4850

DOLTON,

IL 60419

ILD 980613913

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers
No. Type13. Total
Quantity14. Unit
Wt/Vol

1. Waste No.

a. RQ Waste Ink 3 UN1210 PG III
(D001)(ERG #26)

2

DM

110

G

EPA HW Number

X X D 00 1

Authorization Number

0 00 16 3

b.

EPA HW Number

X X

Authorization Number

c.

EPA HW Number

X X

Authorization Number

d.

EPA HW Number

X X

Authorization Number

J. Additional Descriptions for Materials Listed Above

A-Control #0059846-6/Sample #083918 S.b. 1.00

K. Handling Codes for Wastes Listed Above
in Item #14

G = Gallons

Y = Cubic Yards

501502R05

15. Special Handling Instructions and Additional Information

MO Trans ID: H-1273

Mo Gen ID: 012232

0000 56852619 000000 5-160-03-9061 888620

P39296 IL

JCP35072

EMERGENCY RESP#708-888-4660 24HR IF UNDELIVERABLE RETURN TO GENERATOR
SKDOT# A: 1097 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and Illinois regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

David Dabrowski

Signature

David Dabrowski

Month Day Year

8 12 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Damen Freese

Signature

Damen Freese

Month Day Year

8 12 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

PAT TEVEBAUGH

Signature

Pat Tevebaugh

Month Day Year

8 17 93

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Date

Printed/Typed Name

MIKULA

Signature

Ester Mikula

Month Day Year

8 24 93



STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 681-6761

FOR SHIPMENT OF HAZARDOUS
AND SPECIAL WASTE

5-160-03

State Form LPC 62 8/81 IL532-0610

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved, OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MOD 006289003		Manifest Document No. 00039		2. Page 1 of 1		Information in the shaded areas is not required by Federal law, but is required by Illinois law.					
3. Generator's Name and Mailing Address KOHLER SONS INC 9800 PAGE BLVD OVERLAND MO 63132						A. Illinois Manifest Document Number IL 5381774 MANIFEST FEE PAID							
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 314 428-9800						B. Illinois Generator's ID 9291897210							
5. Transporter 1 Company Name SAFETY-KLEEN CORP.						C. Illinois Transporter's ID 1123							
6. US EPA ID Number MOD 095486312						D. 314) 441-0104 Transporter's Phone							
7. Transporter 2 Company Name Safety-Kleen Corp.						E. Illinois Transporter's ID 1 12 13							
8. US EPA ID Number ILD984908202						F. 618-398-6918 Transporter's Phone							
9. Designated Facility Name and Site Address SAFETY-KLEEN CORP. 633 E 138TH ST DOLTON, IL 60419						G. Illinois Facility's ID 0310690006							
10. US EPA ID Number ILD 980613913						H. Facility's Phone (708) 849-4850							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.	
a. RQ Waste Ink 3 UN1210 PG III (D001)(ERG#26)						3 DM		165		G		EPA HW Number X X b 00 11 Authorization Number 0 00 16 13	
b.												EPA HW Number X X Authorization Number	
c.												EPA HW Number X X Authorization Number	
d.												EPA HW Number X X Authorization Number	
J. Additional Descriptions for Materials Listed Above A-Control #0059846-6/Sample #083918						K. Handling Codes for Wastes Listed Above in Item #14 501 502 R05 G = Gallons Y = Cubic Yards							
15. Special Handling Instructions and Additional Information MO Trans ID: H-1273 MO Gen ID: 012232 EMERGENCY RESP#708-888-4660 24HR IF UNDELIVERABLE RETURN TO GENERATOR IL P39296 SKDOT# A: 1097 B: C: D:						55432579 000000 5-160-03-9061 569012 ILP39072							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and Illinois regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.												Date 17 11 1993	
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature Warren Freese Date 17 11 1993							
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature Pat Tevbaugh Date 17 11 1993							
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.												Date 17 11 1993	
Printed/Typed Name ROSE M LAMBERT												Signature Rose M Lambert	

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111 1/2 Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Unit.

COPY 1. TSD MAIL TO GENERATOR

PHONE: 312/227-4415
TOLL FREE: 1-800-323-9785
FAX: 312/227-4415

Midwest Industrial Photographic Association

PHOTO CHEMICAL HAZARDOUS WASTE DISPOSAL • FILM RECLAMATION • SILVER RECOVERY • ENVIRONMENTAL CONSULTANT

KOHLER & SON

9800 PAGE

ST LOUIS, MO 63132-

MAR-COR
ENVIRONMENTAL
SERVICES

REFINING STATEMENT

SETTLEMENT DATE: 08/10/93

MARKET PRICE PER TROY OUNCE: \$ 4.655

CARTRIDGE NO. OR MATERIAL	EXHAUSTION OR WEIGHT	CODE*	TROY OUNCES (GROSS)	TROY OUNCES (NET)
DA -60167	0 %	OK	1.7099	1.4534
DA -60168	0 %	OK	1.4988	1.2740

Sum of net silver in cans = 2.7274 o
@ 4.655 / oz., net value of cans is \$ 12.70
- Can Processing Charge @ \$ 50.00 / can = 100.00
Net Value of Cans = (87.30)
Manifest Charge = 0.00
Net to MAR-COR = 87.30

THIS MATERIAL HAS BEEN DISPOSED OF IN AN EPA APPROVED MANNER AS OUTLINED IN THE FEDERAL REGISTER/RCRA AND / OR BY THE GUIDELINES ESTABLISHED BY ILLINOIS EPA REGARDING RECYCLING OF PRECIOUS METALS AND SUBSEQUENT MANIFESTING REQUIREMENTS

Previous Silver Bank Balance	TROY OUNCE
This Settlement	TROY OUNCE
New Silver Bank Balance	TROY OUNCE

THIS SILVER IS BEING HELD IN YOUR NAME BY MAR-COR INDUSTRIES, INC.

PAY THIS AMOUNT ---> 87.30
TOTAL AMOUNT \$.....

ENVIRONMENTAL PROTECTION AGENCY LICENSED